

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A touch probe (10,50)-comprising:
  - a probe body (12,52) housing first locating elements (23,58);
  - a stylus holder (16,54)-having second locating elements (24,57)-which co-operate with the first locating elements to locate the stylus holder within the probe body; and
  - a bias (36,68,86) to urge the first and second locating elements into contact, characterised in that;
    - an element (35,50,76,90)-is provided to damp motion between the probe body and the stylus holder.
2. (Currently Amended) A touch probe according to claim 1 wherein the element (35,50,76,90)-slows a relative movement between the first and second locating elements.
- 3.(Currently Amended) A touch probe according to claim 2 wherein the element (35,50,76,90)-slows the relative movement by resisting the urging of the bias.
4. (Currently Amended) A touch probe according to ~~any preceding claim~~ claim 1 wherein the element (35,50,76,90)-is slidably mounted with respect to one of the probe head and stylus holder.
- 5.(Currently Amended) A touch probe according to claim 4 wherein the element (35,76)-is slidably mounted with respect to both the probe head and stylus holder.

6. (Currently Amended) A touch probe according to claim 4 wherein the element (90) is rotatably mounted with respect to one of the probe head and stylus holder.

7. (Currently Amended) A touch probe according to claim 1 wherein the element (50) absorbs energy produced by a relative movement between the probe body and stylus holder.

8. (Original) A touch probe according to claim 7 wherein the element is lossy.

9. (Original) A touch probe according to claim 8 wherein the element includes at least two materials and at least one of which is lossy.

10. (Original) A touch probe according to claim 9 wherein a lossy material is carbon powder.

11. (Original) A touch probe according to claim 10 wherein, between 10 and 120 pph of carbon powder is used.

12. (Currently Amended) A touch probe according to any preceding claim claim 1 wherein, the first locating elements each comprise a pair of balls (23)-which form a v-shaped seat and the second locating elements each comprise a roller (24)-which supports the stylus holder (16)-on the v-shaped seat.

13. (Currently Amended) A touch probe according to any of claims 1 to 11 claim 1 wherein, the first locating elements each comprise a ball (58)-and the second locating elements each comprise a v shaped groove (57)-which partially houses a ball and is supported thereon.